

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for receiving a wireless message in a mobile telecommunication system comprising:

receiving a first short message service (SMS) message of a multimedia message service (MMS) notification message at a mobile station (MS);

performing a flag setting in the MS after receiving the first SMS message of the MMS notification message, the flag setting to restrain ~~radio-~~routing area update (RAU) processing and to allow the MS to monitor a paging channel;

receiving a second SMS message of the MMS notification message at the MS while the flag setting restrains the RAU processing and while the MS is monitoring the paging channel, wherein performing the flag setting occurs prior to receiving the second SMS message at the MS ~~while the flag setting restrains the RAU processing and while the MS is monitoring the paging channel~~, the second SMS message of the MMS notification message being different than the first SMS message of the MMS notification message;

releasing the flag setting in response to receiving the second SMS message at the MS;

performing the RAU processing in response to releasing the flag setting; and

after performing the RAU processing, forming one MMS notification message at the MS from the received first SMS message and the received second SMS message, wherein the RAU processing is prevented from being performed when the flag is set.

2. (Canceled)

3. (Previously Presented) The method of claim 1, wherein the mobile telecommunication system comprises one of a GSM based system and a GPRS based system.

4. (Canceled)

5. (Original) The method of claim 1, further comprising storing the SMS message in the MS and then informing a user of a message reception when the SMS message is not a SMS message of a MMS message.

6. (Previously Presented) The method of claim 1, further comprising determining whether the SMS message is a general SMS message or a MMS notification message based on data included in a header of the first SMS message received at the MS.

7. (Original) The method of claim 1, wherein the flag setting comprises a Boolean function performed in a SMS entity.

8. (Canceled)

9. (Previously Presented) The method of claim 1, further comprising storing the one MMS notification message in the MS.

10. (Previously Presented) A method for receiving a wireless message in a mobile station that receives first and second SMS messages constituting one MMS notification message from a network through different radio resource connections, wherein a routing area update (RAU) is controlled based on the received first and second SMS messages of the one MMS notification message and based on a flag setting of the mobile station, wherein the RAU is prevented from being performed at a time of the flag setting and while the mobile station monitors a paging channel during the time of the flag setting, and the RAU is performed after changing the flag setting in response to receiving the second one of the two SMS messages constituting the one MMS notification message, wherein the flag setting occurs after receiving the first one of the two SMS messages constituting the one MMS notification message and the flag setting occurs prior to receiving the second one of the two SMS messages constituting the one MMS notification message.

11-12. (Canceled)

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13. (Previously Presented) The method of claim 10, wherein the flag setting comprises a Boolean function.

14. (Canceled)

15. (Original) The method of claim 10, wherein the network comprises a radio network based on one of a GSM and a GPRS.

16. (Currently Amended) A method for receiving a wireless message in a mobile station that receives two SMS messages constituting one MMS notification message from a wireless system, the method comprising:

~~releasing a radio resource (RR) connection when receiving a first SMS message of the one MMS notification message is received at a mobile station;~~

releasing a radio resource (RR) connection in response to receiving the first SMS message;

~~performing setting a flag setting when the RR connection is released and allowing~~
the mobile station to monitor a paging channel while the flag is set;

receiving a second SMS message of the one MMS notification message at the mobile station while the flag is set and while the mobile station is monitoring the paging channel;

releasing the setting of the flag setting in response to receiving the second SMS message at the MS, wherein ~~performing setting the flag setting~~ occurs after receiving the first

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SMS message at the mobile station and prior to receiving the second SMS message at the mobile station;

performing the RAU processing in response to releasing the setting of the flag setting; and

after performing the RAU processing, forming the one MMS notification message at the mobile station from the received first SMS message and the received second SMS message, wherein the RAU processing is prevented from being performed when the flag is set.

17. (Currently Amended) The method of claim 16, further comprising reperforming the RR connection after performing setting the flag setting.

18. (Original) The method of claim 16, wherein the wireless system comprises one of a system based on a GSM and a GPRS.

19. (Currently Amended) The method of claim 16, wherein setting the flag setting comprises a Boolean function performed in a SMS entity.

20. (Canceled)

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21. (Currently Amended) A method of ~~communication~~ communicating in a mobile telecommunication system comprising:

receiving a first SMS message at a mobile terminal;

determining whether the first SMS message comprises part of a MMS notification message;

releasing a radio resource connection when the first SMS message is determined to be part of the MMS notification message;

setting a flag based on the determination regarding the first SMS message, wherein when the flag is set, the mobile terminal to monitor a paging channel;

while the mobile terminal monitoring the paging channel, receiving a second SMS message at the mobile terminal, the second SMS message being another part of the MMS notification message;

~~changing-releasing~~ the flag setting after receiving the second SMS message at the mobile terminal, wherein when the flag is released, the mobile terminal no longer monitors the paging channel;

performing a routing area update (RAU) processing in response to ~~changing-releasing~~ the flag setting;

decoding the first SMS message and the second SMS message; and

after performing the RAU processing, forming a single message at the mobile terminal based on the decoded first SMS message and the decoded second SMS message, wherein the RAU processing is prevented from being performed when the flag is set.

22-31. (Canceled)

32. (Previously Presented) The method of claim 21, wherein setting the flag occurs prior to receiving the second SMS message.

33. (Previously Presented) The method of claim 1, further comprising dividing the MMS notification message into the first SMS message and the second SMS message prior to receiving the first SMS message at the MS.

34. (Previously Presented) The method of claim 10, further comprising dividing the MMS notification message into the first one of two SMS messages and the second one of the two SMS messages prior to receiving the first one of the two SMS messages.

35. (Previously Presented) The method of claim 16, further comprising dividing the MMS notification message into the first SMS message and the second SMS message prior to receiving the first SMS message at the mobile station.

36. (Previously Presented) The method of claim 21, further comprising dividing the MMS notification message into the first SMS message and the second SMS message prior to receiving the first SMS message at the mobile terminal.

37. (Previously Presented) The method of claim 36, wherein the first SMS message is different than the second SMS message.

38. (Previously Presented) The method of claim 10, wherein the first one of the two SMS messages is different than the second one of the two SMS messages.